

ABSTRACT

A bluetooth earphone module with audio player function has a DSP unit for processing the digital signal, a bluetooth module receiving a remote data signal and replying with a modulation signal, a voice transmission and encoder/decoder unit connected to the DSP unit and the bluetooth module for encoding/decoding voice and converting digital/analog messages, an audio player decoder connected to the DSP unit for decoding the audio player file to the voice signal, a voice output unit connected to the voice transmission and encoder/decoder unit and the audio player decoder.